

**Title:** Integration of the ASEAN dairy industry: multi-market modeling to guide decision makers' policy and investment choices

**Authors:** Steve Staal<sup>1</sup>, Signe Nelgen<sup>2</sup>, Richard Diate<sup>3</sup>, Paul Ramirez<sup>4</sup>

## ABSTRACT

Intra-regional trade in livestock and products has long been of interest, as a driver of value addition in West African countries (Williams et al., 2006). Trends in the dairy production and trade in Southeast Asia, and the task set confronting policy modellers leading up to the establishment of the ASEAN-led Asian Economic Community (AEC) is presented in this paper. The paper contrasts the current Southeast Asian situation of substantial diversity in production and import dependence, with the shared national policy objectives of dairy self-sufficiency in the region (Staal et al., 2008). Further, AEC's policy convergence objectives feature small business development, which may not suit the needs of competitive dairy industries (Dong, 2006). International dairy trade policy features widespread use of non-tariff barriers and other difficult-to-model features (J.C. Beghin, 2006), and is inextricably connected to trade policy for feed grains. The authors offer insights from a collection of national-level datasets to the task of modelling the AEC dairy establishment process and outcome.

**Keywords:** ASEAN, dairy, policy modelling, trade, self-sufficiency

## References:

Williams, T.O., Spycher B. and Okkie I. 2006. Improving livestock marketing and intra-regional trade in West-Africa: Determining appropriate economic incentives and policy framework. ILRI (International Livestock Research Institute), Nairobi, Kenya.

Staal, S.J.; Nin Pratt, A.; Jabbar, M. 2008. Dairy development for the resource poor. Part 1: A comparison of dairy policies and development in South Asia and East Africa. FAO/PPLPI Working Paper, No. 44-1, 52pp, Rome, Italy.

Fengxia Dong, 2006. The outlook for Asian dairy markets: The role of demographics, income, and prices, Food Policy, Volume 31, Issue 3, Pages 260-271.

John C. Dong, 2006. Evolving dairy markets in Asia: Recent findings and, Food Policy, Volume 31, Issue 3, Pages 195-200.

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<sup>1</sup> International Livestock Research Institute, Los Baños, Philippines

<sup>2</sup> International Livestock Research Institute, Nairobi, Kenya

<sup>3</sup> University of the Philippines, Los Baños, Philippines

<sup>4</sup> University of the Philippines, Los Baños, Philippines